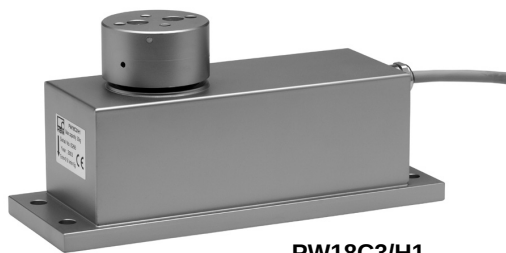


PW18C3/H1

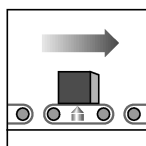
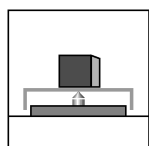
동적 계량을 위한 Single
point 로드셀

PW18C3

Special features



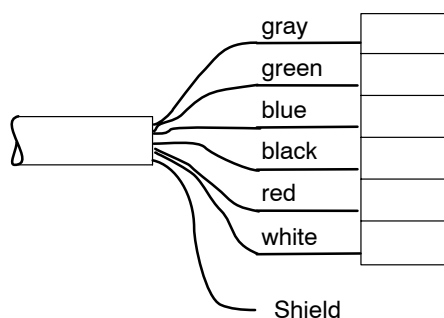
PW18C3/H1



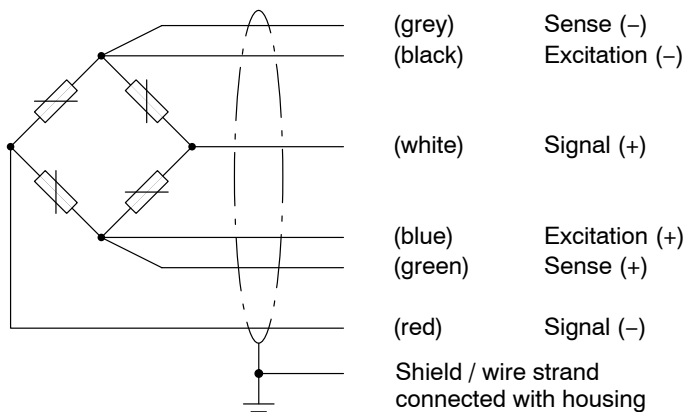
- 높은 정확도
- 높은 과부하 제한
- 높은 비틀림 / 굴곡 강성
- 통합 된 수직 과부하 정지,
양 및 음의 부하 방향에 효과적 임
- 부식 방지, 레이저 용접
- 기압 균형
- 보호 등급 IP 66

Abmessungen (in mm)

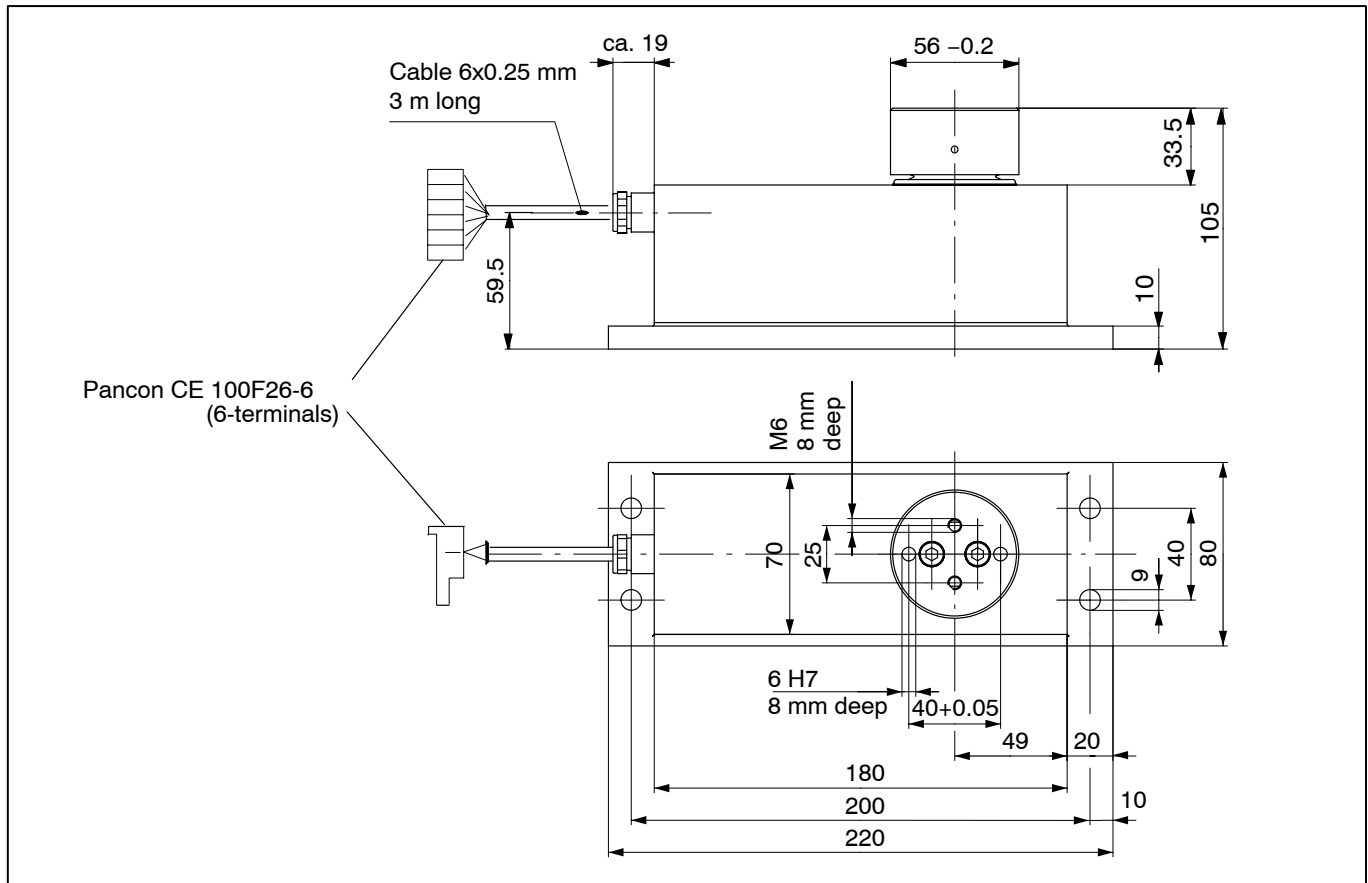
Pancon CE 100F26-6
(6 terminals)



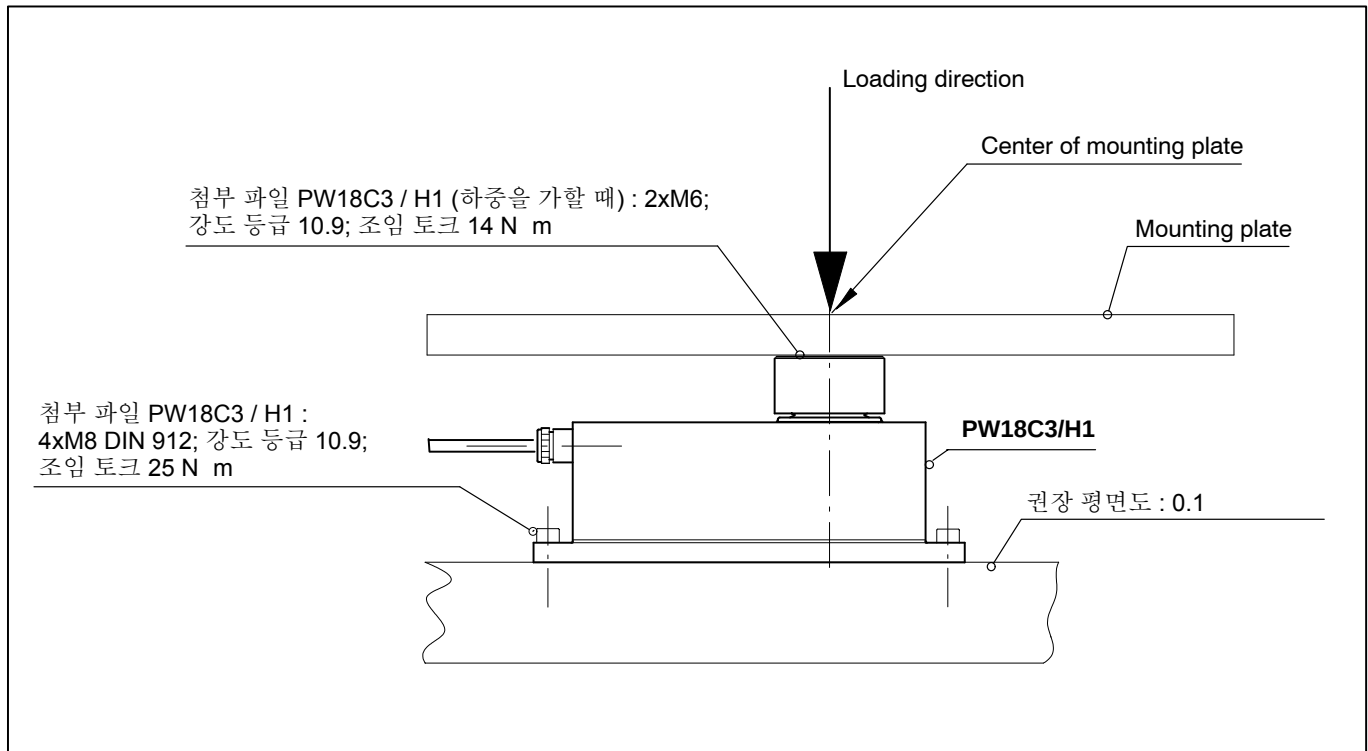
Wiring code (6-wire circuit):



Dimensions of the single point load cell PW18C3/H1 (in mm; 1 mm= 0.03937 inches)



단일 포인트 로드셀 PW18C3 / H1에 대한 장착 힌트



Specifications

Type		PW18C3/H1				
Accuracy class		C3 ¹⁾				
Max. number of load cell intervals (n _{LC})		3000				
Nominal (rated) Load (E _{max})	kg		10	20	50	75
Min. LC verification interval (v _{min})	g	0.5	1	2	5	10
Temperature effecton zero balance (TK ₀)	mV/V	± 0.0140				
Max. Platform size	mm	400 x 400			600 x 500	
Sensitivity (C _n)	mV/V	1.0 ± 0.1				
Zero signal		0 ± 0.1				
Temperature effecton sensitivity (TK _C) ²⁾ Temperature range: +20 ... +40 °C [+68 ... 104°F] -10 ... +20 °C [+14 ... 68°F]	% from C _n / 10 K	± 0.0175 ± 0.0117				
Hysteresis error (d _{hy}) ²⁾	% from C _n	± 0.0166				
Non-Linearity (d _{lin}) ²⁾		± 0.0166				
Minimum dead load output return (DR)		± 0.0166				
Off center load error ³⁾		± 0.0233				
Input resistance (R _{LC})	Ω	380 ... 500				
Output resistance (R ₀)		350 ... 500				
Reference excitation voltage (U _{ref})	V	5				
Nominal range of excitation voltage (B _U)		1 ... 12				
Max. excitation voltage		15				
Insulation resistance (R _{is}) at 100 V _{DC}	GΩ	> 1				
Nominal temperature range (B _T)	°C [°F]	-10 ... +40 [14 °F ... 104 °F]				
Service temperature range (B _{tu})		-10 ... +50 [14 °F ... 122 °F]				
Storage temperature range (B _{tl})		-25 ... +75 [-13 °F ... 167 °F]				
Limit load (E _L) ^{*)}	% from E _{max}	1000				
*) at max. 20mm Eccentricity						
Lateral load limit (E _{lq}), static		800				
Breaking load (E _d)		>1000				
Nominal displacement at E _{max} (s _{nom}),approx.	mm	< 0.15				
Weight (G), approx.	kg	3				
Protection class to EN60529 (IEC529)		IP66				
Material of the PW18C3: Measuring element Cover Cable sheath						
Material of the PW18C3/H1: Housing Membrane Cable sheath		Stainless steel Silicone caoutchouc R830 TPE				

1) PLC = 0.7이 있는 OIML R60에 따름

2) 비선형성 (d_{lin}), 히스테리시스 오차 (d_{hy}) 및 감도에 대한 온도 영향 (TK_C)에 대한 데이터는 대표적인 값입니다. 이 데이터의 합계는 OIML R60에 따른 요구 사항을 충족합니다.

3) OIML R76에 따름